AMENDMENTS TO THE CLAIMS:

The listing of claims will replace all prior versions, and listings of claims in the application:

LISTING OF CLAIMS:

1.   (Currently amended)   An embedded system connected to an input-output terminal of an electroreprographic device through at least one existing device interface and comprising data collection and display functionality, and a local user interface for operation and management of functionality locally, and a services platform and APIs for remote connectivity and device-centric services, and,

wherein the embedded system comprises a device model agent representative of service management stored within the memory of the physical hardware of the electroreprographic device, in communication with a remote services host and a remote asset management system through the APIs for communicating through the local UI services to be selectively added to or performed on the electroreprographic device, which services are determined by the remote services host and the remote asset management system by the communication with the electroreprographic device model agent in response to 1) active, dynamic monitoring of the electroreprographic device events, device status and consumable component supplies by the device model agent and 2) dynamic provisioning to automatically download software as needed to add, delete, update, and customize services.

2.   (Original)   The system of claim 1 comprising a networked, embedded personal computer in a housing with no direct input or output devices.

3.   (Previously presented)   The system of claim 1 wherein the system is connected to the IOT through at least two physical interfaces.

4.   (Original)   The system of claim 1 further comprising a UI available via a browser running on a computer on a network to which the system is connected.

5.   (Original)   The system of claim 1 further comprising a web server.

6.   (Currently amended)   In an embedded system comprising a web server connected to an input-output terminal of an electroreprographic device and to a network, a method of interacting with the embedded system comprising:

configuring the embedded system with network information;

using a browser as the local user interface for the embedded system; and,

wherein the embedded system comprises a device model agent representative of service management stored within the memory of the physical hardware device, in communication with a remote services host and a remote asset management system through the APIs for communicating through the local UI services to be electively added to or performed on the electroreprographic device, which services are determined by the remote services host and the remote asset management system by the communication with the electroreprographic device model agent and further including communicating the services from the remote services host and the remote asset management system to the embedded system in response to 1) active, dynamic monitoring of electroreprographic device events, device status and consumable component supplies by the device model agent and 2) dynamic provisioning to automatically download software as needed to add, delete, update, and customize services.

7.   (Previously presented)   The method of claim 6 wherein configuring the embedded system includes loading network proxy, firewall password, and DNS IP addresses.

8.   (Currently amended)   The method of claim 6 wherein configuring the embedded system enables the embedded system to connect to an edge server host.

9.   (Currently amended)   The method of claim 8 wherein the edge server host manages the queues, messages, services, and transactions associated with the end-to-end operation of the device services.

10-31. (Cancelled)

33.　(Previously presented)　　The system of claim 1 wherein the services comprise one of operating software upgrades, device stack supply or maintenance adjustments.

34.　(Previously presented)　　The system of claim 1, wherein the active, dynamic monitoring device status incorporates data of at least one of: billing meter, input-output terminal faults, media path jams, image area coverage, media use by weight, size or type, feature usage, toner status, simple or duplex printing, media tray use, toner status, reduction and development, and highest frequency of service use.

35.　(Previously presented)　　The system of claim 1, wherein the embedded system is comprised of firmware.